

COATING COMPOSITION

Patent number: JP2000345106
Publication date: 2000-12-12
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Classification:
- international: C09K3/16; C08K3/00; C08K5/00; C08L1/08;
C08L21/00; C08L101/14; C09D7/12; C09D201/00;
C09K3/18; G02B1/10; C08L1/08; C09K3/16; C08K3/00;
C08K5/00; C08L1/00; C08L21/00; C08L101/00;
C09D7/12; C09D201/00; C09K3/18; G02B1/10;
C08L1/00; (IPC1-7): C09D201/00; C08K3/00; C08K5/00;
C08L1/08; C08L21/00; C08L101/14; C09D7/12;
C09K3/16; C09K3/18; G02B1/10
- european:
Application number: JP19990154891 19990602
Priority number(s): JP19990154891 19990602

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Abstract of JP2000345106

PROBLEM TO BE SOLVED: To obtain a coating composition that comprises a water-based solution including a cyclodextrin, or the like, forms a high degree antifogging coating membrane to a solid surface and simultaneously forms the coating membrane having both of hydrophilic and hydrophobic properties on the solid surface. **SOLUTION:** This coating composition is a water-based solution including (A) a cyclodextrin, for example, a modified β -cyclodextrin, or the like, (B) an antistatic agent, (C) a surfactant, for example, an organoboron surfactant, or the like, and (D) a hydrophilic binder, for example, carboxymethylcellulose, or the like. In a preferred embodiment, (E) a hydrophobic polymer binder, for example, a silicone rubber, or the like, may be used instead of the component D, a ferric [Fe (II)] compound and a chelating agent are used as the component B. Further, a slightly volatile and hydrophilic organic solvent is preferably admixed, for example, and in a preferred embodiment, the component D is used in an amount of 5-80 pts.wt. and the component E is used in an amount of 5-50 pts.wt. per 100 pts.wt. of water.

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